| '5  | Index of Claims |              |              |              |                 |          |                 |                 |          |          |                 |            | Application No. |                 |          |          |          |  |          |          |          | A          | Applicant(s)                           |          |              |              |           |           |          |     |
|---|-----------------|--------------|--------------|--------------|-----------------|----------|-----------------|-----------------|----------|----------|-----------------|------------|-----------------|-----------------|----------|----------|----------|--|----------|----------|----------|------------|--|----------|--------------|--------------|-----------|-----------|----------|-----|
|   |                 |              |              |              |                 |          |                 |                 |          |          | 1               | 10/605,459 |                 |                 |          |          |          |  |          |          |          |            |  |          |              |              |           |           |          |     |
|   |                 |              |              |              |                 |          |                 |                 |          |          |                 |            | Examiner        |                 |          |          |          |  |          |          |          |            | CHEN, SHUQI<br>Art Unit                |          |              |              |           |           |          |     |
|   |                 |              |              |              |                 |          |                 |                 |          |          |                 |            | -               |                 |          |          |          |  |          |          |          |            |  |          |              |              |           |           | ı        |     |
| , version of the delice (III) (III) 2011 121 122) |                 |              |              |              |                 |          |                 |                 |          |          |                 |            |                 | Samuel P Siefke |          |          |          |  |          |          |          |            | 1743                                   |          |              |              |           |           |          |     |
|   |                 |              |              | Ι            |                 |          |                 |                 | - 4      |          |                 |            |                 |                 |          |          |          |  |          |          |          |            | <u></u>                                |          |              |              |           |           |          |     |
| √ Rejected — (Through numer Cancelled             |                 |              |              |              |                 |          |                 |                 |          | era      | al) Non-Elected |            |                 |                 |          |          |          | ted  |          | ا ا      | A Appeal |            |  |          |              |              |           |           |          |     |
|   |                 |              |              |              |                 |          |                 |                 | ance     | meu      |                 | -          | -               |                 |          |          |          |  |          | ,,,      |          |            |  |          |              |              |           |           |          |     |
| = Allowed + Re                                    |                 |              |              |              |                 |          |                 |                 | estri    | cted     |                 |            | ı               | ı               | nter     | fer      | en       | CO   |          | 0        |          | Obj        | ect                                    | ed       | ı            |              |           |           |          |     |
| L   |                 |              |              |              |                 |          | L               |                 |          |          |                 |            |                 | ال              | Ш        | L.,      |          |  | _        |          |          | Ш          |  |          |              |              | Ш         |           |          |     |
|   |                 |              |              |              | Date            |          |                 | Claim           |          |          |                 | Date       |                 |                 | _        |          |          | [  | Cl       | aim      | <u> </u> | Date       |  |          |              |              | ٦         |           |          |     |
|   | <sub>'ख</sub>   | ag .         | 6/11/9       |              |                 |          |                 |                 |          |          | <u> </u>        |            |                 |                 |          |          |          | П  |          |          |          | ā          | П                                      | Т        |              | Τ            |           | П         | $\top$   | 1   |
|   | Final           | Original     | 12           |              |                 |          |                 |                 |          | Final    | Original        |            |                 |                 | П        |          |          |  |          |          | Final    | Original   |  |          |              |              |           | 11        |          |     |
|   | <u> </u>        | 1            | 2            | L            | 4_}             | $\sqcup$ | _               | $\sqcup$        |          | _        | L               | Ш          | _               | $\perp$         | Ш        |          |          |  |          |          |          | ō          |  |          | 1            | ı            | ĺ         |           | İ        |     |
|   |                 | 2            |              | -            | ╂╌┼╾            | ╀┼       | +               | $\vdash$        | -        | $\vdash$ | 51<br>52        | $\vdash$   | +               | ┿               | $\vdash$ |          |          | igwdap   | -        |          |          | 101        |  | $\Box$   |              | L            |           |           |          | ]   |
|   |                 | 3            |              |              |                 |          | 土               |                 |          | -        | 53              |            | +               | 十               | H        | -        |          | $\vdash$   | $\dashv$ | ł        | $\dashv$ | 102<br>103 | $\dashv$                               | +        | ╁            | ╀            | ╀         | $\vdash$  | +        | 4   |
|   | -               | 5            | Н            | _            | $\coprod$       | П        | $\perp$         | $\square$       | _        |          | 54              |            | Ţ.              | 1               |          |          |          |  |          | ľ        |          | 104        |  | 士        |              | +            | $\vdash$  | -         | +        | -   |
|   | -               | 6            | Н            | _            | $\vdash$        | H        | +               | $\vdash$        | -        |          | 55<br>56        |            | ╀               | ╄-              | H        | 4        |          |  | -        | L        |          | 105        | $\perp$                                |          | I            | Г            |           | $\Box$    | 1        | ]   |
|   |                 | 7            | Ш            | _            | 上上              |          | $\top$          |                 |          | <u> </u> | 57              | $\vdash$   | +-              | +-              | H        | $\dashv$ | _        | $\vdash$   | -        | -        |          | 106<br>107 |  | -        | +            | ├            | Н         | -         | +        | -   |
|   | $\vdash$        | 8            | Ш            | _            | $\sqcup$        | П        | Ţ               |                 |          |          | 58              |            | I               |                 |          |          |          |  |          | L        |          | 108        | $\dashv$                               | +        | +            | t            | 1-        | +         | +        | 4   |
|   | -               | 9            | +H           | _            | -               | ┢        |                 | ╁┼              | -        |          | 59<br>60        | $\dashv$   | ╁               | ┼               | $\sqcup$ | $\dashv$ |          |  | - :::    | L        | $\dashv$ | 109        | $\Box$                                 | $\perp$  |              |              |           |           |          | ]   |
|   |                 | 11           | 1            | _            |                 | 廿        | 士               |                 |          |          | 61              | -          | ╁╴              | +               | $\vdash$ | +        | -        | -  | -        | ╁        |          | 110<br>111 | +                                      | +        | ╂            | ╀            | Н         | _         | +        | 4   |
|   | -               | 12<br>13     | $\prod$      |              |                 |          | $\bot$          |                 |          |          | 62              |            |                 |                 |          | 1        |          |  | ]        | L        |          | 112        |  | ╁        | +            | 1            | Н         | +         | +        | ┪   |
|   |                 | 14           | ╫            | _            | $\vdash$        |          | +               | $\vdash \vdash$ | -        |          | 63<br>64        |            | ╀               | +               | $\dashv$ | -        | _        | +  | 4        | L        |          | 113        | 4                                      | $\perp$  |              |              |           |           | 工        | ]   |
|   |                 | 15           | #            | _            |                 |          |                 |                 |          |          | 65              |            | ╁╴              | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | -  | -        | H        |          | 114<br>115 | ╅                                      | ╬        | +-           | H            | Н         | +         | -        | 4   |
|   | $\vdash$        | 16<br>17     | #            |              |                 |          | 4               | $\dashv$        | ] [      |          | 66              |            | L               |                 | $\Box$   | 1        |          |  |          | L        |          | 116        | 1                                      | T        | +            |              | H         | $\dagger$ | +        | -{· |
|   |                 | 18           | t            |              |                 | $\vdash$ | +               |                 | -        |          | 67<br>68        |            | ╀               | $\vdash$        | $\dashv$ | +        | -        | -  | -        | L        | _        | 117        | $\perp$                                | $\bot$   | I            |              | П         |           | 丰        | 1   |
|   |                 | 19/          |              |              |                 |          |                 |                 |          |          | 69              |            | H               | H               | $\dashv$ | +        | $\dashv$ | +  | 1        | ┢        |          | 118<br>119 | +                                      | ╁        | ╁            | Н            | -         | +         | +-       | -   |
|   |                 | (20)<br>(21) | <del>;</del> | 4            | $\sqcup \sqcup$ | _        | $\Box$          | $\perp$         | ] [      |          | 70              |            |                 |                 | $\Box$   |          |          |  |          | L        |          | 120        | 土                                      | 1        |              | Н            |           | +         | +        | 1   |
|   | 1               | 22           | 7            | -            |                 | +        | ╁┤              |                 | -        |          | 71<br>72        | +-         | -               | $\vdash \vdash$ | +        | +        | 4        | _ -  | -        | L        | -        | 121        |  | $\perp$  |              |              |           | 1         |          | ]   |
|   |                 | 23           |              |              |                 |          |                 |                 | <b>]</b> |          | 73              |            |                 |                 | +        | +        | +        | +  | -        | H        | $\dashv$ | 122<br>123 | +                                      | ╁        | $\vdash$     | $\vdash$     | $\dashv$  | +         | +        | -   |
|   | $\vdash$        | 24<br>25     | +            | 4            | - -             | 4-       | +               |                 | 1 [      | $\Box$   | 74              |            |                 |                 | $\Box$   | I        |          |  | ]        | L        |          | 124        |  |          | H            | $\dashv$     | -         | +         | +        | 1   |
|   | 1               | 26           | +            | -            | ╌╂╾╂            | +        | +               | +               | -  -     |          | 75<br>76        | -          | H               | H               | +        | 4        | 4        | - -  | -        | L        | _        | 125        | 4                                      | 1        | П            |              | $\Box$    | $\top$    |          | 1   |
|   |                 | 27           |              |              |                 |          |                 | 1               |          |          | 77              | +          | Н               | $\forall$       | +        | +        | +        | +  | 1        | $\vdash$ |          | 126<br>127 |  | +        | Н            | $\dashv$     | +         | +         | ╀        |     |
|   |                 | 28<br>29     | +            | 4            |                 | -        | +               | - -             | -  [     |          | 78              |            |                 |                 | 1        | I.       | 1        |  |          |          |          | 128        | 士                                      | 1        |              | ┪            | +         | +         | +        | Í   |
|   | $\vdash$        | 30           | ╅            | +            | $\dashv$        | - -      | +               | +               | -        |          | 79<br>80        | +          |                 |                 |          | ╁        | +        | -  | 4        | L        |          | 129        | $\perp$                                | 1_       |              | $\Box$       | $\supset$ |           |          |     |
|   |                 | 31           | 1            | 1            |                 |          |                 | 土               | jt       |          | 81              | +          | $\dashv$        | +               | +        | ╁        | +        | +  | l        | H        |          | 30<br>31   | -                                      | ╁┈       | Н            | $\dashv$     |           | +         | +-       |     |
|   |                 | 32<br>33     | +            | 4            | $\dashv$        | -        | $\Box$          | 1               | ] [      |          | 82              |            |                 | I               |          | I        | I        |  |          |          | 1        | 32         | 1                                      | 十        | Н            | 7            | +         | ╁         | +        |     |
|   |                 | 34           | ╁            | ╅            |                 | ╬        | +               | +               | ╢        |          | 83<br>84        |            | 4               | -               | - -      | 4        | -        | -  | l        | L        |          | 33         |  |          |              | 1            |           | 上         |          |     |
|   |                 | 35           | 1            | 1            |                 |          | 11              | $\top$          | 1        |          | 85              | +          | $\dashv$        | +               | ╁        | +-       | +        | +  | 1        | H        |          | 34<br>35   | ╁                                      | ╂        | -            | +            | -         | +         | $\sqcup$ |     |
|   |                 | 36<br>37     |              | +            | +               | <b>-</b> | $\Box$          | T               | ] [      |          | 86              |            |                 |                 | 土        |          | İ        |  |          |          |          | 36         | +                                      | +        |              | +            | +         | +-        | +        |     |
|   |                 | 38           | +            | $^{+}$       | $\dashv$        | +        | ╂╌┼             | +               | ┨ ┣      |          | 87<br>88        | -          | -               |                 | +        | $\perp$  | ╀        | 4  |          |          |          | 37         | I                                      |          | $\Box$       |              | $\bot$    | 上         |          |     |
|   |                 | 39           | 丰            | 1            |                 |          |                 |                 | <u> </u> |          | 89              | 1-1        | -               | +               | +-       | ╁        | +        | +-   |          | <u> </u> | +1       | 38<br>39   | +                                      | $\vdash$ | +            | +            | 4.        | +         | $\sqcup$ |     |
|   |                 | 40<br>41     | ╀            | +            |                 | _        |                 |                 | Į        |          | 90              |            |                 |                 |          | I        |          |  |          |          | 1        | 40         |  | П        | _            | +            | 十         | +         | Н        |     |
|   |                 | 42           | +            | $\dagger$    | ++              | +        | ╁               | ╁               | -        |          | 91<br>92        | ++         | $\dashv$        | - -             | - -      | ╁-       | 1        | +  |          |          |          | 41         |  | П        | $\dashv$     | $\downarrow$ | $\Box$    | I         | 口        |     |
|   | 4               | 43           | Ţ            | 1            | 11              |          |                 |                 | 1 E      |          | 93- -           |            | +               | +               | +        | 1=       | +        | +  |          | _        |          | 42<br>43   | +                                      | H        | -            | +            | +         | +         | H        |     |
| 1   |                 | 44<br>45     | ╀            | ╀            | ++              | +        | $\vdash \vdash$ | 4               | Į [      |          | 94              | $\Box$     | $\exists$       | 工               |          | L        | I        |  |          | _        | 1        | 44         | İ                                      |          | 士            | +            | +         | +-        | H        |     |
| ŀ   |                 | 16           | +            | t            | ++              | +-       | - -             | +               | ┨╟       |          | 95<br>96        | ╂╌╂        | +               | +               | +        | 丨        | $\vdash$ | 4-4  | [        |          |          | 45         | Γ                                      | П        | $\bot$       | T            | I         | L         |          |     |
|   | 4               | 17           | L            | 1            |                 | 上        |                 |                 |          | 3        | 7               | ++         | +               | +               | ╁        | +        | ╀        | +  |          | _        |          | 46<br>47   | +-                                     | $\vdash$ |              | +            | +         | +         | H        |     |
|   |                 | 19           | ╀            | $\downarrow$ |                 | $\bot$   | ΙŢ              | 1               | ļΓ       | 9        | 8               | $\Box$     | 1               | 土               |          | L        | L        | 口  | ŀ        | _        | 1.       | 48         | 十                                      | H        | +            | +            | +         | +         | H        |     |
| ŀ   |                 | 50           | +            | t            | ++              | +        | $\vdash$        | ╁               | -        |          | 99              | ╁┼         | +               | +               | +        | $\vdash$ | L        | $\!$ | [        | _        |          | 19         | $oxed{\Box}$                           | П        | $\downarrow$ | $\top$       | Ţ         |           |          |     |
|   |                 |              |              | -            |                 |          |                 |                 | J.::::L_ |          | 1               | 44         |                 |                 |          | Ц.       | <u></u>  | لبل  |          |          | 1!       | 50         | ــــــــــــــــــــــــــــــــــــــ | Ш        | $\bot$       | 1            | $\perp$   | L         | L        |     |